



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<https://www.rars.org/public-service.php>

frequently for our 2019
ham public service
schedule.

RARS General Meeting

Topic: The world of high power Medium wave and Shortwave broadcasting. Lauren Libby, W0LD

Date: January 8, 2019

Time: Meeting at 7:30PM

Informal gathering and refreshments from 7 - 7:30 p.m.

Where: Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh

New HAM meeting, 6:00 p.m. before member meeting

Tadd Torborg, KA2DEW, New Ham Meeting Coordinator

[Click here for more information.](#)

Presidents Comments

By Carl Davis, W8WZ

Happy New Year!

As I write this it is still December and I am getting ready for my favorite New Year's Celebration. Namely; Straight Key Night! Straight Key Night (SKN) is a ham radio tradition that is held every January 1 from 0000 UTC through 2359 UTC. The goal is to make contacts using CW sent with a straight key. This year I will be using my WWII era US Navy Flameproof straight key on my Heathkit HW 101 station. Many hams who own vintage gear choose to use it on Straight Key Night as well. It is a great chance to work some cool old radios. Don't worry about your CW speed on SKN, we are all working with straight keys!

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: Second Tuesday of each month

Location: Ridge Road Baptist Church 2011
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The
meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

All members and guests are welcome to
the monthly (first Tuesday) RARS Supper,
6:30PM, at the Golden Corral Restaurant,
6129 Glenwood Ave., Raleigh. Informal and
Dutch, just bring your appetite and best rag to
chew. 73, Chuck, K4HF

RARS Repeaters in Raleigh

146.640 and 444.525

Join us for the nightly RARS net at 8 p.m.
on the 146.640 repeater. All hams holding a
Technician class license or higher are invited
to check in. We welcome both RARS and non-
RARS members to the net.

There is a net Listing on the RARS
website click here. [https://www.rars.org/
nets.php](https://www.rars.org/nets.php)

VE Testing

The RARS VEs will accept walk-in testing in
February, May, August and December at
5:30PM, prior to RARS membership meetings
at Ridge Road Baptist Church; the RARSfest
in April; the Cary Swapfest in July; the
JARSFest in November; and following RARS
license classes. Please bring a photo ID, your
original and a copy of your current license,
your \$14 exam fee, and any valid CSCEs that
prove passing elements beyond that of your
current license. Visit <https://www.rars.org> for
more information.

December 2018

RARS Net Monthly Summary

Checkins: 551

Traffic Brought/Passed: 12/12

Minutes: 1130

Sessions: 31

Virginia Enzor NC4VA

RARS Net Manager

Future Hamfests

A full list of Hamfests can be found at the
[ARRL website.](#)

01/05/2019 | [Winston-Salem FirstFest](#)

Location: Winston-Salem, NC

Type: ARRL Hamfest

Sponsor: Forsyth Amateur Radio Club

Website: <http://w4nc.com>

02/02/2019 | [Roanoke Division Convention \(Frostfest\)](#)

Location: Richmond, VA

Type: ARRL Convention

Sponsor: Richmond Amateur Telecommunications
Society (RATS)

Website: <http://frostfest.com>

03/08/2019 | [North Carolina Section Convention
\(Charlotte Hamfest\)](#)

Location: Concord, NC

Type: ARRL Convention

Sponsor: Mecklenburg Amateur Radio Society

Website: <http://charlottehamfest.org>

04/20/2019 | [North Carolina State Convention
\(Raleigh Hamfest\)](#)

Location: Raleigh, NC

Type: ARRL Convention

Sponsor: RARS

Website: <http://rarsfest.org>

President's Message continued

The Navy Flameproof key that I will be using this year is interesting because it is a copy of



a German Luftwaffe key. Apparently, the Allies decided that the flameproof German designed key of the Luftwaffe was the best flameproof design available so they copied it for their own use. When you are at war with a country I guess you don't really worry about their patent rights! Thus, this style key actually saw use on both sides during the Second World War. Additionally, since it is of European style it is designed to be mounted on the edge of the operating desk as shown in the picture above, not at the back of the operating desk like American designed keys. With this key style the operator's forearm is in free space and he moves his arm at the elbow along and also flexes his wrist to close the contacts. I find this style of keying to be less fatiguing than the American style of sending that I was trained on when learning code. I hope to read the call signs

President's Message continued

of other RARS members when the results of this year's SKN are published in QST.

Also, as we begin the new year please keep some important ham radio dates in mind for the first half of 2019.

JANUARY

The first hamfest in our area this year is in Winston-Salem on Saturday, 5 January at Robinhood Road Baptist Church 5422 Robinhood Road. Talk to your RARS member friends and see if they would like to carpool over to Winston for the day. A side benefit to going that far West is that you get into Lexington style BBQ country which makes lunch especially enjoyable.

FEBRUARY

The first big hamfest of the new year is FROST FEST in Richmond, VA on Saturday, 2 February 2019 from 8:30AM to 3:30PM. This fest is always well attended by several RARS members who usually go to Richmond on Friday night to be there first thing when the doors open on Saturday. This event is worth the drive up to Richmond especially since it is the ARRL Roanoke Division Convention this year.

Also in February (8 to 10 Feb) is Hamcation in Orlando, FL. This three day hamfest is second in size only to the Dayton Hamvention and over the years several RARS members have attended it, all reporting that it is worth going to. (Plus, you get to be in Orlando in February). Hamcation is the 2019 ARRL Southeastern Division Convention. Go to Frost fest and Hamcation and see which division has the best convention!

Sunday, 24 February 2019 from 10 AM to 8 PM is the North Carolina QSO Party. This RARS sponsored state wide event is one of the best QSO Parties on the air. Please plan to participate either at your home station, with a group of friends, or at the RARS club station hosted by Joe and Liz White. Even Technicians can operate on HF phone for this event if they participate at the club station under the supervision of a control operator with a General Class or higher license. That makes this a great event for new hams to enjoy and get in practice for Field Day. More information can be found online at <http://ncqsoparty.org>

MARCH

On 8 & 9 March is the Charlotte Hamfest. Again, several RARS members regularly attend this event held in Concord, NC. This event is the ARRL North Carolina Section Convention. If you time your travel right, you can pass through Lexington at lunchtime and get BBQ.

APRIL

On Saturday, 20 April we have RARS Fest our club's biggest event of the year held at the NC State Fairgrounds. Please plan to attend, participate and volunteer! We set up on Friday and

President's Message continued

have a club/vendor dinner that evening at the Fair Grounds. RARS Fest is the ARRL NC State Convention this year. Full information is at <https://www.rarsfest.org/>

MAY

On 17,18 and 19 May the biggest ham radio event in America is held near Dayton, Ohio. Hamvention. Several RARS members attend this event each year and it is worth putting on your calendar. If you are looking for an opportunity to wear your heavy coat one more time this season, take advantage of this opportunity to travel to the Mid-west in late spring. The BBQ in Ohio is not really of note, but they do have White Castle Hamburgers, worth the drive to the Mid-west in and of themselves.

JUNE

The last event to be sure is on your calendar for the first half of 2019 is Field Day! 2019 *Field Day* will be held June 22-23, 2019. RARS will again be operating from the farm of RARS member Jim Carrol in Apex, NC. Contact RARS Field Day Chair Bob W4TTX at rstarkenburg@nc.rr.com for full details about this fun event. Put it on your calendar now. You will not want to miss it.

As you can see the new year of 2019 looks to be full of fun ham radio opportunities. Of course, every day is a great day to get on the air and make contacts. One of the best things about our hobby is it can work around your schedule. Whenever you have free time, the radio is ready and there are QSOs to be had.

If you are a new year's resolution maker, consider making one or two Ham Radio resolutions for 2019.

- Maybe add one or two of the events mentioned in this article to your schedule.
- Or resolve to participate in our daily VHF nets on the 146.64 repeater at 8 PM
- Or resolve to make one or two HF contacts per day
- Or resolve to get an improved antenna up in the air
- Or resolve to learn CW or get active on satellites or one of the newer digital modes.
- Maybe resolve to volunteer at RARS Fest
- Or resolve to attend our monthly RARS meetings or the Monthly RARS Supper.
- If you are a General Class ham or higher maybe resolve to volunteer to serve as a VE to help new hams get licensed.
- If you aren't a General Class or higher license holder, maybe resolve to upgrade in 2019.

However you decide to celebrate the new year I hope it is filled with fun and activity in our great hobby and Amateur Radio Society.

73 Carl Davis, W8WZ

RARS December Membership Meeting

Our December meeting was the RARS pot luck Holiday party. We also inducted the 2019 officers.



Food and Drinks for the party.



December Meeting Group Picture.

December Membership Meeting, Door Prize winners



Left to Right: David Crawford, KF4VXJ; Mike Butler, K4MBX;
Sheila Dupree, KE4CDS; Alan Pitegoff, AB4OZ



Left to Right: RARS Education Director: Carl Davis, W8WZ; At-Large Director: Joanne Mars, AA3N; RARS Food Service Chair: Richard Kroeger, N1FUA; RARS 2019 Field Day Chair: Bob Starkenburg, W4TTX; At-Large Director: Alan Pitegoff, AB4OZ; Youth Director: Murray Merner, K4MHM; Public Information Officer: Tara Goodwin, W4TSW; Vice President: Tom Lewis, N4TL; Past President: Dennis Keith, NC4DK

Positions listed are for the current election. A number of people have multiple positions.

Carolina Weekend QSO Parties

As you make plans for activities in the New Year, keep the Carolina Weekend in mind. We are looking forward to the two Carolina state QSO parties on Saturday, February 23 and Sunday, February 24, 2019. Celebrating 5 years of collaboration between the North and South Carolina QSO Party committees, a new bonus arrangement has been created called the Chairman's Challenge. Work Dave, WN4AFP, on Saturday in the SCQP and Marty, W4MY, on Sunday in the NCQP for bonus points. There is a special gift card for the winner of a drawing from all who work both stations.

The SC QSO Party will be on Saturday. It has Phone, CW and Digital categories as well as fixed, mobile, QRP, low and high power. Their bonus county will be Abbeville. For SC stations, your exchange in Callsign and County. Further information is found on the SC QSO Party website, www.scqso.com

The NC QSO Party, is on Sunday. For the stations in NC, this gives you the opportunity to be the DX for a change. Stations all over the world will be looking for NC stations to fill their log. Your county is the multiplier in this event, so the exchange is simple: Your Call and Your County. The website has a list of the three letter county abbreviations that are used in this exciting event at our website www.ncqsoparty.com.

The NC event has Phone, CW and Digital categories and low and high power categories as well as mobile and Expedition operations. Details are on the website.

Looking forward to hearing you on the air for both QSO Parties in February!

Bill Turner, W4WNT

For the NC QSO Party Committee

Future RARS Meeting Topics

Titles, topics, and speakers subject to change.

2/12/2019	Using a Drone to Capture Video Images for UNC TV	Bob Gunter, PBS VideoGrapher
3/12/2019	Awards, RARS Birthday Party (2/12/69) & RARSfest Update RARSfest date April 20th	RARSfest Chair Tara Goodwin W4TSW
4/9/2019	Restoration of a Collins KWM-1 transceiver	John Green, KX4P
5/14/2019	Amateur Radio Direction Finding with a demonstration on 2 and 80 meters	Ruth Bromer, WB4QZG, & Joseph Huberman, K5JGH

*New HAM meeting, 6:00 p.m. before the
member meeting*

Tadd Torborg, KA2DEW, New Ham meeting Coordinator

*The New Hams meeting is held every month before the regular RARS meeting.
We'll try to start by 6pm. We try to address topics in a manner that will be of help
to hams in their first year of operation.*



Tadd Torborg, KA2DEW, Demonstrating Ham Radio.

A few Digital Modes

- PSK31: Enjoy text chats around the world with low power and minimal antennas.
- RTTY: RTTY may be a vintage operating mode, but it's still the champ when it comes to contesting and DX hunting.
- WSJT-X Modes FT8 and JT65: You'll be astonished at how low you can go with FT8 and JT65. High power and big antennas are definitely not required!
- MFSK and Olivia: With these two modes you'll still be chatting when all the others have given up.
- PACTOR: When your message absolutely must get through error free, PACTOR is a great way to go.
- WSPR: Transmissions are strictly one-way, but the results are fascinating!

RARS Birthdays

Ken	KK4YAF	01/01
Grady	AJ4YA	01/01
Bob	N4GEB	01/01
Kevin	KN4AAG	01/02
Gavin	KN4QQV	01/03
Howard	KI4GNB	01/03
Barry	KK4NUN	01/03
Chuck	K4HF	01/04
Jerry	KE4TTS	01/04
John	WB4DDK	01/04
Patrick	KM4VMB	01/05
Tony	KX4FC	01/05
Joe	KM4WRQ	01/06
John	N4YRD	01/08
John	N1GMV	01/08
Ed	KN4CUU	01/09
Lauren	W0LD	01/09
Jim	N4CAE	01/09
Beth	KF4QMR	01/09
Richard	N1FUA	01/09
Paul	KE4TMN	01/10
Chris	K4CKB	01/11
Dan	WY3O	01/11
Jeff	WJ3FF	01/12
Evan	ZL2TFA	01/14
Paul	AA4XX	01/14
Marko	KM4ZBT	01/16
Frank	AF4FI	01/17
Marc	W4MPS	01/19
Dick	KM4YLH	01/19
Dave	N4CVV	01/19

RARS Birthdays Continued

Ashby	KB5ZIH	01/20
Dave	N4DSF	01/21
Tom	KG4EDY	01/21
Jim	KJ4BYN	01/22
Ken	AC4RD	01/23
James	KK7EEP	01/26
Amara	KF6TEJ	01/27
Cyndi	KD4ACW	01/30
Alan	AB4OZ	01/30
Tom	K2UCU	01/31

New RARS Members

John Honeycutt	KK4ZFV
Carl Justis	KN4QQK
Sam Robinson	
Laura Robinson	
Mason Williams	



Dating gaffes of the 1800s. [Close All](#)

Spotlight on RARS Net Friends

Virginia Enzor NC4VA, RARS Net Manager



This month's column features a ham who checks into to more local nets regularly than anyone I know! You can count on hearing a good ragchew from him every time.

The RARS net meets at 8:00 PM on the 146.64 repeater nightly! Please check in; we would love to hear your ragchew.

Spotlight on Robert Pierpoint KG4BDX

1. Name, Callsign & License class

Robert Pierpoint KG4BDX, General Class

2. Year originally licensed

1998

3. How did you get into ham radio?

An interest in scanner/CB radio and shortwave listening eventually led to getting my ham ticket.

4. What aspects of the hobby currently interest you?

2-meter DX, late-night listening on all-night radio, outdoor operating, serving as NCO for local nets

5. Positions that you hold or have held in RARS or other organizations

Net control for Carolina 440 Net, Apex ERC Net, Wilson county radio club net, & PCRN 220 Net.

6. Any special awards? (DXCC, WAS, WAC, IOTA, etc)

Possum Trot Net Certificate & S.P.A.R. Ragchew Award

7. Any special project you are currently working on?

2-meter beam antenna

8. Interests outside of radio?

Church, archery/recurve, fishing – 100% dedicated, emergency preparedness, any and all building projects, wild birds.

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Robert KG4BDX operating with his VHF/UHF Go-Kit at Toisnot Park in Wilson, NC.

9. Words of advice for new hams?

Join a club and check in to local nets.

Logging Methods as Polled on a Recent RARS Net

Virginia Enzor NC4VA

RARS Net Manager

Nineteen Wednesday night RARS Net check-ins responded to the question, “What logging program do you currently use to record your HF and/or contesting contacts?” Here are the responses.

Paper and pencil: 14

LoTW: 5

QRZ.com: 5

Amateur Contact Log and Contesting logs (N3FJP software): 2

N1MN Contesting log: 2

DXBase: 1

Not using any logging method: 2

Numbers total greater than 17 because some folks use more than one logging method.

Tacky Tinsel Tour Net 2018

Virginia Enzor NC4VA

Tacky Tinsel Tour Net Co-host/Creator

The Tacky Tinsel Net commenced with jingling bells and anticipation on Wednesday, December 19, at 8:00PM on the RARS 146.64 repeater. Co-hosted by Courtney Enzor KI4HOS, Virginia Enzor NC4VA and guest Brandon Stanford, the net featured descriptions of some the best holiday light displays in the Triangle area as detailed by seasoned Tacky Tinsel Tour Correspondents.

After KI4HOS took check-ins, Mike Murphy WA4BPJ, read Gary Pearce's poem, "A Ham's Night Before Christmas" to bring the Christmas spirit.

Next TTT Correspondent County Enzor KI4HOS, on site at 101 Chestone Court in Cary, presented the Johnson Family Christmas Light Show, which she entitled "Engineering Extravaganza". This entry featured an intricate synchronized light show to 8 Christmas songs which could be heard on an FM transmitter at 90.3 MHz. The lighting and music together used 2,200 watts! Entry #1 even had its own webpage, carychristmas.com.



Engineering Extravaganza, Entry #1

TTT correspondent Jack Baker K4WFJ then shared his entry, "Heindel Christmas Magic" at 8501 Sleepy Creek Drive in Raleigh. It was a show-stopper featuring traditional Christmas figures such as Santa, reindeer, snowmen, Christmas trees, stars, snowflakes, and a beautiful manger scene, accentuated with the words, "Peace on Earth".

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Heindel Christmas Magic, Entry #2

The third entry was described by Al Crawford WA4TCJ and XYL Linda Crawford KI4LO at 128 Phelps Farm Road in Fuquay Varina and entitled, "6000 Watts of Christmas Wonderland". This entry featured the home of their daughter and son-in-law, Victoria Williams N4XDR and Kevin Williams WM4J. This house featured so many stunning Christmas vignettes that Linda recommended visitors park and walk the path around the property to fully appreciate the beauty and magnitude of the decorations. It was awe-inspiring!

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6000 Watts of Christmas Wonderland, Entry #3

All entries were worthy of the title “winner” and a close vote by net check-ins landed Entry #3, “6000 Watts of Christmas Wonderland”, as the 2018 Tacky Tinsel Tour Net winner! The owners will receive a special event certificate!

Dallin Cox KM4RTO and Rob Cox N4MN used their special connections to arrange an interview with one of Santa’s elves by NC4VA during the net. This elf was not just any elf though! Here are some of his comments

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“Hi, my name is Noel the elf and I work for the big elf, Mr. Nicholas. I’m the Associate Communications Technician for Santa. I started after Christmas last year, so I’ve been learning a lot this year. Santa and the elves use many different modes of communication. As many of you know this is a necessity as Santa moves around the globe. There are high-tech GPS systems, automatic guidance systems, collision avoidance systems, and advanced radio systems including satellite and amateur radio.”

NC4VA was curious about Santa’s interaction with NORAD since NORAD tracks his whereabouts on Christmas Eve. Noel explained that elves use NOPOST – **N**Orth **P**ole **S**anta **T**racker.

“NOPOST reports to NORAD which reports to North American Aerospace Defense Command because of international protocol. Santa’s security is top priority so if anything were to happen, something like the Grinch were to attack Santa, S3 (Santa Special Security) could immediately implement their security measures which include stealth and invisibility countermeasures. We would also need to report our position to NORAD since they wouldn’t be able to track Santa at that point.”

Next, NC4VA inquired how hams who are hoping for radio gear under the Christmas tree on December 25 could increase their chances of getting what they want. Noel explained, “Santa and many of the elves are official observers. So, if you are not being nice on the air-Santa calls it being a lid-then you need to change.”

“Also, some people don’t know that Santa also has some of his elves monitor social media. So, if you are not nice on Facebook or Twitter, Instagram or Snapchat or whatever, that will impact the gifts that you get on Christmas.”

Without a doubt, Noel, the elf, was one of the most interesting guests to make an appearance over the years!

Throughout the net, fun Christmas facts were shared by Brandon Stanford from <https://www.pastbook.com/txt/12-fun-christmas-facts/>. Here are a few:

“Jingle Bells was written for Thanksgiving, not Christmas. The song was written in 1857 by James Lord Pierpont and published under the title *“One Horse Open Sleigh”*. It was supposed to be played in the composer’s Sunday School class during Thanksgiving as a way to commemorate the famed Medford sleigh races. “Jingle Bells” was also the first song to be broadcast from space.

Japanese people traditionally eat at KFC for Christmas dinner. Although the percentage of Christian people in Japan is close to zero, every Christmas, kids and grown-ups head to the closest KFC to enjoy some fried chicken-the closest food to turkey that you can get in Japan. It’s all thanks to a successful *“Kentucky for Christmas!”* marketing campaign in 1947. First aimed at foreigners, KFC offered a “Christmas dinner” that contained chicken and wine-a meal that remotely resembled the food expats

Continued from the previous page

and tourists had at home. After a huge success, Kentucky Fried Chicken started promoting this offer every year, until the fast food chain became strongly associated with the holiday season.

Santa stretches time like a rubber band, in order to deliver all the gifts in one night. According to the United Nations Children's Fund (UNICEF), there are 2,106 million children under age 18 in the world. If we assume that each household has in average 2.5 children, Santa would have to make 842 million stops on Christmas Eve, traveling 221 million miles. Given the different time zones, Santa has 36 hours to deliver gifts, therefore his average speed would be approximately 650 miles per second. It is less than the speed of light (therefore, it's, theoretically, doable but still quite hard for a chubby old man). Larry Silverberg, a professor of mechanical and aerospace engineering at North Carolina State University, suggests that Santa uses relativity clouds to get the work done. Relativity clouds, based on relative physics, allow Santa to stretch time like a rubber band which gives him months to deliver gifts, while only a few minutes pass for the rest of us."

Thanks to all the TTT co-hosts, TTT correspondents, Mike Murphy, Dallin Cox, Rob Cox, Noel the Elf, and net check-ins for making this holiday net one of our best ever. Hope to see you again in 2019!

New Yaesu transceiver, announced but not available yet.



Yaesu FT-DX101D HF/50MHz 100W SDR transceiver.

ARRL Outgoing QSL Bureau for RARS Members

ARRL affiliated clubs can send their members' cards together in one package.

I have agreed to do this and will collect cards four times a year starting in January 2019. The four times will be January, April, July and October.

To use this service you have to be a member of RARS and the ARRL.

RARS will pay the \$7.00 service charge. Members still have to pay the \$1.15 per ounce charge. The cards must only be from the member. You cannot slip someone else's cards in with yours. The cards must be sorted per the ARRL's instructions. Make sure the country that the card is going to is on the ARRL's list of supported countries. You must fill out the ARRL's submission form. On that form your ARRL member number is required information. In January give me the sorted cards, a check to cover the \$1.15 per ounce charge and the [submission form](#). Make the check out to the ARRL outgoing Bureau. Also make sure you read all the information on this webpage, <https://www.arrl.org/outgoing-qsl-service>.

If the card is going to a QSL manager in another country, write "VIA" and the QSL manager's call sign on the card. Look up each contact on QRZ.com to make sure they will QSL via the Bureau. Many stations don't. Some only QSL electronically or direct.

This is from KH6AP's information on QRZ.com. Notice, he does not use the QSL Bureau.

QSL INFORMATION:

LoTW, QRZ, eQSL and HRDLOG.

NO QSL BUREAU EVER.

NO PAPER CARDS AT THIS TIME.

73 Tom N4TL

Minutes

Raleigh Amateur Radio Society

Members Meeting

Date | time 12/11/18 @ 7:30pm | Meeting called to order by Carl Davis, W8WZ

In Attendance

The monthly membership meeting of the Raleigh Amateur Radio Society met at the Ridge Road Baptist Church in Raleigh. The meeting was called to order by President Carl, W8WZ, at 7:25 pm.

The pledge of Allegiance was recited

There were 32 Members and 4 Visitors

Approval of Minutes

Secretary determined a quorum was not present, the November minutes were not approved.

Continuing Announcements

The RARS dinner takes place monthly on the first Tuesday (next: January 1st) at 6:30p.m. at the Golden Corral; 6129 Glenwood Ave, Raleigh.

The next board meeting, which is open to all our members, will be canceled for the month of December and will reconvene on January 15th.

Tonight's after-meeting gathering, for any who are interested, will be at the Rudinos at 3101 Edwards Mill Rd, Raleigh.

A new ham/Elmer's meeting with new hams, and anyone interested, takes place before each membership meeting at 6pm at the Ridge Road church and presented by Tadd (KA2DEW) Tonight's meeting had two of our members drive a few miles away, with SSB 2m radios, and the new ham group had a base antenna and they switched back and forth, between 2m and SSB to make contact.

Door Prizes

There were 4 winners in our door prize drawing.

David Crawford, KF4VXJ; Mike Butler, K4MBX; Sheila Dupree, KE4CDS; Alan Pitegoff, AB4OZ

Congratulations to our December Winners; you can find their picture on our Facebook page and the Exciter.

Vice President Report/Exciter Chair-Tom N4TL

Tom reported that the presentation for January will be High power Medium wave and Shortwave broadcasting by Lauren Libby, W0LD followed by using a Drone to Capture Video Images for UNC TV, by Bob Gunter, PBS Videographer in February. He also spoke about the ARRL outgoing bureau for QSL cards. He has invited the members of RARS, which are also ARRL members, to bring their cards to the January member meeting and he will send them to the ARRL outgoing bureau.

For more information on how to set your cards and fill out the forms, please contact Tom Lewis, N4TL

Treasurer's Report-Greg KE4PAX

Not Present, No Report.

For those interested in official treasurer report can contact Greg (KE4PAX)

Secretary's Report-Tara W4TSW

Present but No Report

Board and Committee Reports

Education Director-Carl W8WZ: Carl reported that they completed the fall technician license class and have 9 new technicians. 8 passed as Technicians and 1 passed with as a General.

Net Manager - Virginia NC4VA: Virginia was not present but Carl (W8WZ) read an announcement from her letting the club know that the Tacky Tinsel Tour 2m net will be on Wednesday December 19th.

Board and Committee with No Report

Public Service - John K3RHJ

FM Repeater Chair - Karl W4CHX

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Food Service - Richard (N1FUA)

ARRL Liaison - Chuck K4HF

Youth Director - Murray K4MHM

Past President - Dennis NC4DK

ARRL Section Manager - Karl W4CHX

Webmaster - Hank K4HM

W4DW/W4RNC Trustee - Jeff AC4ZO

Director at Large - Alan AB4OZ

Director at Large - Joanne AA3N

Director at Large - Marty W4MY

Field Day Chair - Bob W4TTX:

Public Information Officer - Charles KM4AMT

NCQSO Party Chair - Marty W4MY

RARSfest Chair-Tara W4TSW

Old Business

RARS members installed the new members for the 2019 year: Thank you to the following officers for the 2019 year!

RARS OFFICERS FOR TWO YEAR TERMS:

Vice President: Tom Lewis – N4TL

Treasurer: Greg Seamster – KE4PAX

BOARD MEMBERS FOR ONE YEAR TERMS:

Public Service Director: John Stone – K3RHJ

Public Info Officer: Tara Goodwin – W4TSW

RARS Exciter: Tom Lewis – N4TL

RARS Net Manager: Virginia Enzor – NC4VA

At-Large Director: Alan Pitegoff – AB4OZ

At-Large Director: Joanne Mars – AA3N

At-Large Director: Robert Walker – K4WWR

FM Repeater Chair: Chuck DeCourt – W3WZN

Call Sign(s) Trustee: Jeff Wittich – AC4ZO

<https://www.rars.org>

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ARRL Liaison:	Chuck Littlewood – K4HF
Education Director:	Carl Davis – W8WZ
Youth Director:	Murray Merner – K4MHM
Web Master:	Hank Montgomery – K4HM

RARS CHAIRMEN:

Food Service Chair:	Richard Kroeger – N1FUA
NC QSO Party Chair:	Marty Young – W4MY
RARS Field Day Chair:	Bob Starkenburg – W4TTX
RARSfest Chair:	Tara Goodwin – W4TSW
RARS VE Team:	Liz White – KO4CK Joe White – WA4GIR

New Business

Chuck (K4HF) had a report on the nominations for next year's board positions. He prefaced the report by letting the membership know that the President and Secretary were mid-term so the Vice President and the Treasurer were the officers up for election, along with all the other one year term positions. Chuck then read the list of all positions and members on the Nominating Committee Report. At the November meeting we will take any nominations from the floor and then vote.

Additional Business/Comments/Announcements

Alan (AB4OZ) announced that it was once again time for his 10m quarterly net (28.364). It will take place after the Traders net sometime in January and is a great way to test new equipment. He is located at Crabtree Valley Mall area and will start out by beaming west. Afterwards there will be a reporting time, on 2m, to discuss any issues and give signal reports. He will announce the date and time at the January club meeting.

Next Meeting

01/08/2018, 2011 Ridge Road at 7pm

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Meeting was adjourned at 7:52 pm and an informal potluck followed

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW

Minutes

Raleigh Amateur Radio Society

Board Members Meeting

Look for the November Board minutes next month.

RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.

For Sale

Posted December 25th, 2018 by: K1LEC

Contact: k1lec@arrl.net

Icom IC-SP3, \$50

Astron RS-20A, \$60

Lanny, K1LEC, 919-801-8274. Pickup at Hendrick Dodge

Misc Working Ham Gear

Posted December 5th, 2018 by: K4HF

Contact: k4hf@arrl.net

MFJ Versa Tuner V, Model 989C 1.5KW HF Antenna Tuner - \$150

MFJ Model 464 CW Keyer/Reader - \$110

Contact me by e mail, preferred, or (919)872-6555 Thanks, Chuck

<https://www.rars.org>